

# Chapter 2.2

## Industrial hygiene program

### 1. Applicability of this chapter

You are required to follow this chapter if you are involved with industrial hygiene studies at JSC. If you suspect a health problem in your work area, contact the Clinic Services Branch as stated in subparagraph 4.a below.

### 2. Description of Sub-element 2.2

JSC shall identify health hazards and employee exposure levels by:

- a. A sampling rationale based on data, including reviews of work processes, Material Safety Data Sheets, employee complaints, exposure incidents, medical records, and previous monitoring results.
- b. A sampling strategy that includes baseline and periodic surveys that assess employees' exposure through screening and full shift sampling when necessary.
- c. Using nationally recognized procedures for all sampling, testing, and analysis with written records of results.

### 3. Industrial hygiene studies

Industrial hygiene studies monitor potential employee exposures to physical, chemical, and biological health hazards such as noise, radiation, or hazardous materials and determine whether they are within allowable limits. Industrial hygienists do the studies under nationally recognized industrial hygiene procedures and protocols. The studies involve:

- a. Sampling work areas for physical, chemical, and biological stressors.
- b. Testing or analyzing the samples.
- c. Comparing exposures to exposure standards and regulations.
- d. Recommending corrective actions to reduce exposures to acceptable levels.
- e. Communicating results to managers and workers.

### 4. Responsibilities

Responsibilities for industrial hygiene are as follows:

- a. **Line organizations** are responsible for contacting the Clinic Services Branch if they suspect their employees may be exposed to health hazards.
- b. The **Clinic Services Branch** is responsible for:
  1. Developing and maintaining site-wide exposure assessment databases.
  2. Performing baseline sampling and periodic sampling of work areas as required.

## **Part 2, Worksite analysis**

3. Responding to requests from line organizations for sampling of suspected health hazards.
4. Auditing any Industrial Hygiene programs, processes, and sampling performed by personnel or organizations outside the JSC Clinic Services Branch organization.

### **5. Safety and health records**

The following apply:

- a. The Clinic Services Branch shall maintain sampling, analysis, and exposure records. This includes providing results of personal exposure monitoring results to employees.
- b. Line organizations shall post copies of workplace health evaluations in a readily accessible location.

### **6. Measurement**

JSC measures industrial hygiene by meeting established schedules for industrial hygiene sampling.